

JC04 Rec'd PCT/PTO U.S. NOV 2005 PATENT PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 05-726)

In the Application of:

Rickert et al.

Serial No. : 10/550,468

Filed: September 22, 2005

For: Powder Coating and Processing for the  
Preparation of Thin Layers in the  
Manufacture of Printed Circuit Boards

)  
) Examiner:

)  
) Art Unit: TBD

)  
) Confirmation No. TBD

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In regard to the above identified application:

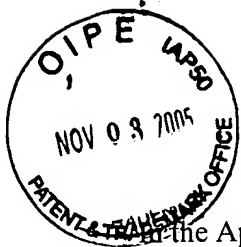
1. We are transmitting herewith the attached:
  - a. Supplemental Information Disclosure Statement (IDS) (3 sheets);
  - b. Supplemental Form PTO-1449 (3 sheets);
  - c. Thirty-Three (33) Cited References; and
  - d. Return Receipt Postcard.
2. With respect to fees:
  - a.   X   No fee is required
3. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490.
4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November   1  , 2005.

Respectfully submitted,

Date: November   1  , 2005

By:

Raafat M. Shaltout  
Raafat M. Shaltout  
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McDonnell, Boehnen Hulbert & Berghoff LLP  
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Chicago, IL 60606



PATENT

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Serial No. : 10/550,468

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Examiner:

Art Unit: TBD

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. Section 1.97 - 1.99, the Applicant wishes to make the following references of record in the above-identified application. This Supplemental Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. Section 1.56. Copies of the references cited below are enclosed. These references are also listed on the enclosed Supplemental PTO Form 1449.

In the judgment of the undersigned, portions of the listed references may be material to the Examiner's consideration of the presently pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative relevance between references, whether cited in this or prior statements. This statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or Section 103.

**U.S. Published Applications**

1. Lessmeister et al., U.S. Publication No. 2001/0002274, published May 31, 2001.
2. Oohori et al., U.S. U.S. Publication No. 2004/0076805, published April 22, 2004.
3. Aizawa et al., U.S. Publication No. 2004/0138345, published July 15, 2004.

### **U.S. Patent Applications**

4. Schreiber, U.S. Patent Application No. 4,607,091, issued August 19, 1986.
5. Schreiber, U.S. Patent Application No. 5,021,484, issued June 4, 1991.
6. Schreiber, U.S. Patent Application No. 5,176,780, issued January 5, 2005.
7. Schreiber, U.S. Patent Application No. 5,200,452, issued April 6, 1993.
8. Schreiber, U.S. Patent Application No. 5,443,911, issued August 22, 1995.
9. Sacharski et al., U.S. Patent Application No. 5,965,213, issued October 12, 1999.
10. Möller et al., U.S. Patent Application No. 6,159,556, issued December 12, 2000.
11. Sapper, et al., U.S. Patent Application No. 6,177,487, issued January 23, 2001.
12. Schwarte et al., U.S. Patent Application No. 6,358,568, issued March 19, 2002.
13. Sedlmeyr, et al., U.S. Patent Application No. 6,436,485, issued August 20, 2002.

### **Foreign Patents**

14. PCT Patent Application No. WO 94/19417, published September 1, 1994.
15. PCT Patent Application No. WO 96/15199, published May 23 1996.
16. PCT Patent Application No. WO 96/32452, published October 17, 1996.
17. PCT Patent Application No. WO 96/37561, published November 28, 1996.
18. PCT Patent Application No. WO 97/01609, published January 16, 1997.
19. PCT Patent Application No. WO 97/17390, published May 15, 1997.
20. PCT Patent Application No. WO 97/47400, published December 18, 1997.
21. PCT Patent Application No. WO 99/15593, published April 1, 1999.
22. PCT Patent Application No. WO 99/47276, published September 23, 1999.
23. PCT Patent Application No. WO 02/055603, published July 18, 2002.
24. PCT Patent Application No. WO 02/072655, published September 19, 2002.
25. European Patent Application No. EP 0 044810, published July 27, 1982.
26. European Patent Application No. EP 0 178 414, published April 23, 1986.
27. European Patent Application No. EP 0 356 379, published February 28, 1990.
28. European Patent Application No. EP 0 458 739, published November 27, 1991.
29. European Patent Application No. EP 0 458 740, published November 27, 1991.
30. European Patent Application No. EP 0 493 310, published July 1, 1992.
31. European Patent Application No. EP 0 686 176, published December 13, 1995.
32. European Patent Application No. EP 0 714 958, published June 5, 1996.
33. German Patent Application No. DE 101 09 847, published September 19, 2002.
34. Japanese Patent Application Abstracts No. 11/307,512, published May 11, 2001.

35. Japanese Patent Application Abstracts No. 11/310,113, published May 15, 2001.
36. Japanese Patent Application Abstracts No. 11/373,382, published July 3, 2001.
37. Japanese Patent Application Abstracts No. 2000 123496, published October 31, 2001.
38. Japanese Patent Application Abstracts No. 2000 358678, published June 4, 2002.
39. Japanese Patent Application Abstracts No. 2000 231515, published February 12, 2002.
40. Japanese Patent Application Abstracts No. 2001 048536, published September 6, 2002.
41. Japanese Patent Application Abstracts No. 2000 255897, published March 15, 2002.

#### Other Documents

42. Charles A. Harper, "High Performance Printed Circuit Boards, 1999, McGraw-Hill Chapter 2, pages.
43. Schreiber et al., "New Fire Retardant Halogenfree Polymers", *Makromol. chem., Macromol. Symp* (1993) 74:165-171.
44. Shiow-Ching Lin, et al., "High Performance Thermosets, Carl Hanser Verlag, Munich 1994, Chapter 2.
45. Graziano, "High speed Powder Coil Coating", *Material Sciences Corporation*, page 139-150.
46. English version of "Journal für Oberflächentechnik" 1998, 38(2), 26-29.

In accordance with MPEP Sections 609 and 707.05(b), it is requested the document cited (including any cited in applicant's specification which is not repeated on the attached Supplemental Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

Respectfully submitted,

Date: November 1, 2005

By:



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FORM PTO-1449  
(Rev. 2-32)

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

05-726

Serial No.

10/550,468

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use several sheets if necessary)

**Applicant:**

Rickert et al.

**Filing Date:**

September 22, 2005

**Group:**

TBA

**U.S. PATENT APPLICATION DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	2001/0002274	May 31, 2001	Lessmeister et al.			
	2.	2004/0076805	April 22, 2004	Oohori et al.			
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	4.	4,607,091	Aug 19, 1986	Schreiber			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	14.	WO 94/19417	Sept 1, 1994	PCT				
	15.	WO 96/15199	May 23 1996	PCT				
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FORM PTO-1449  
(Rev. 2-32)

U.S. Department of Commerce  
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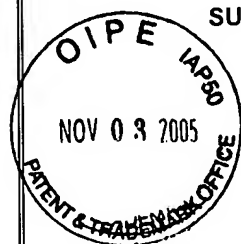
Filing Date:

September 22, 2005

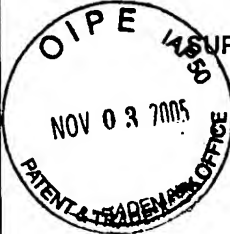
Group:

To Be Assigned

SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)



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							Yes	No
	20.	WO 97/47400	Dec 18, 1997	PCT				
	21.	WO 99/15593	April 1, 1999	PCT				
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	36.	JP 11/373,382	July 3, 2001	JP				
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	38.	JP 2000 358678	June 4, 2002	JP				
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	40.	JP 2001 048536	Sept 6, 2002	JP				
	41.	JP 2000 255897	March 15, 2002	JP				

FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No.  05-726	Serial No.  10/550,468	
		<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicant:  Rickert et al.
	Filing Date:  September 22, 2005			Group:  To Be Assigned

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).**

	42. Charles A. Harper, "High Performance Printed Circuit Boards, 1999, McGraw-Hill Chapter 2, pages.
	43. Schreiber et al., "New Fire Retardant Halogenfree Polymers", <i>Makromol. Chem., Macromol. Symp</i> (1993) 74:165-171.
	44. Shiow-Ching Lin, et al., "High Performance Thermosets, Carl Hanser Verlag, Munich 1994, Chapter 2.
	45. Graziano, "High speed Powder Coil Coating", <i>Material Sciences Corporation</i> , page 139-150.
	46. English version of "Journal für Oberflächentechnik" 1998, 38(2), 26-29.
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.